

Report of Analysis

Client:	Louis Berger U.S., Inc., A WSP Company	Date Collected:	01/18/23
Project:	NYCDDC Phase II SCI Arthur Kill Road CEQR	Date Received:	01/19/23
Client Sample ID:	DUP01	SDG No.:	O1232
Lab Sample ID:	O1232-10	Matrix:	SOIL
Level (low/med):	low	% Solid:	90.1

Cas	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units(Dry Weight)	Prep Date	Date Ana.	Ana Met.	Prep Met.
7429-90-5	Aluminum	4430		1	2.32	5.26	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-36-0	Antimony	0.37	UN	1	0.37	2.63	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-38-2	Arsenic	4.09		1	0.22	1.05	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-39-3	Barium	37.7		1	0.76	5.26	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-41-7	Beryllium	0.80	N	1	0.022	0.32	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-43-9	Cadmium	0.56		1	0.028	0.32	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-70-2	Calcium	1520		1	7.51	105	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-47-3	Chromium	45.3		1	0.095	0.53	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-48-4	Cobalt	16.3		1	0.079	1.58	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-50-8	Copper	18.9	N	1	0.44	1.05	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7439-89-6	Iron	20100		1	4.13	5.26	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7439-92-1	Lead	14.2		1	0.27	0.63	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7439-95-4	Magnesium	3300		1	9.58	105	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7439-96-5	Manganese	306		1	0.12	1.05	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7439-97-6	Mercury	0.011	J	1	0.0040	0.015	mg/Kg	01/20/23 16:35	01/23/23 11:25	SW7471B	
7440-02-0	Nickel	118		1	0.19	2.10	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-09-7	Potassium	968		1	24.5	105	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7782-49-2	Selenium	0.45	U	1	0.45	1.05	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-22-4	Silver	1.14		1	0.082	0.53	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-23-5	Sodium	197		1	24.6	105	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-28-0	Thallium	0.33	U	1	0.33	2.10	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-62-2	Vanadium	27.6		1	0.34	2.10	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050
7440-66-6	Zinc	99.6		1	0.21	2.10	mg/Kg	01/20/23 15:00	01/24/23 14:00	SW6010	SW3050

Color Before:	Brown	Clarity Before:	Texture:	Medium
Color After:	Brown	Clarity After:	Artifacts:	No
Comments:	METALS-TAL			

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

D = Dilution

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

* = indicates the duplicate analysis is not within control limits.

E = Indicates the reported value is estimated because of the presence of interference.

OR = Over Range

N =Spiked sample recovery not within control limits